Navigation Handbook



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Navigation Handbook

JAGUAR CARS LIMITED, as manufacturer, is dedicated to the design and production of vehicles which meet the expectations of the world's most discerning purchasers.

This handbook forms part of the owner literature supplied with your vehicle. It is designed to complement the relevant features and systems of the vehicle, and make them easy to understand and operate.

The information contained in this handbook applies to a range of vehicles and not to a specific vehicle. For the specification of a particular vehicle, owners should consult their Jaguar Dealer.

The manufacturer reserves the right to vary its specifications with or without notice, and at such times and in such manner as it thinks fit. Major as well as minor changes may be involved in accordance with the Manufacturer's policy of constant product improvement.

To cover changes, it is sometimes necessary to issue one or more handbook supplements. When reading this handbook, check the owner literature for possible supplements.

For full details of the owner literature originally supplied with the vehicle, owners should consult their Jaguar Dealer.

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Introduction

This Jaguar navigation system assists the driver by providing a route to a selected destination. Guidance is given by means of audible instructions (voice guidance), complemented by map and turn information which is displayed on an LCD display on the front panel of the unit. Digital map information is held on a digital versatile disc (DVD), which is loaded into the navigation control unit housed in the luggage compartment.

The system has an extremely comprehensive range of features, yet is easy to use. Some time spent reading this handbook will ensure that the best results are obtained.

The LCD display provides full information for operating the system by means of menus, text screens and map displays. Screen selections are made by the controls on the front panel.

How the system works

The system uses signals from the Global Positioning System (GPS) satellites, which allow the approximate vehicle position to be calculated. This is combined with information from vehicle sensors and data from the map DVD to establish the true vehicle position.

WARNING:

- The database reflects reality as existing before you received the database and it comprises data and information from government and other sources, which may contain errors and omissions. Accordingly, the database may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and due to the nature of the sources used. The database does not include or reflect information on - Inter alta - neighborhood safety; law enforcement; emergency assistance; construction work; road or lane closures; vehicle or speed restrictions; road slope or grade; bridge height, weight or other limits; road or traffic conditions; special events; traffic congestion; or travel time.
- 2. Only operate, adjust or view the system when It is safe to do so.

- While the route is being calculated, the screen may show one of the following warnings, which must be observed:
 - 'Destination is located on a restricted road. Please follow traffic regulations. Push ENTER to continue."
 - 'Destination is located on a restricted or private area. You may need permission. Push ENTER to continue.'

1-2 Introduction and controls

Using the system



Safety Information

This road safety caution screen is displayed the first time that ENTER is poshed after switching on the ignition.

The ENTER button is pressed while the analogue clock is displayed.

The road safety caution screen gives the following information:

- Most functions are inhibited while the vehicle is in motion.
- Please read the handbook for operating instructions.
- Always obey traffic regulations.

To use the system, push ENTER again.

Caution: If the system is used for an extended period of time with the vehicle stationary, ensure that the engine is running, to avoid draining the battery.

For best results, always use the latest version of the map DVD (navigable map database). Map information is regularly updated, but all areas are not necessarily covered to the same level of detail. Some areas, in particular private roads, may not be included on the database (non-digitised roads).

While driving under route guidance, only follow an instruction when it is safe to do so, as the system cannot be aware of changing conditions, for example turn restrictions, roadworks or diversions. Use voice guidance as much as possible, and only view the disp ay when driving conditions permit.

About this handbook

This handbook shows the on-screen menus, explains how to operate the controls, and gives an example showing how to set a destination. After becoming familiar with the controls, follow the on-screen menus and prompts, to operate the system as required.

To find a particular menu, use the menu structure on the card supplied with this handbook. This information is repeated on page 2-6.

Note: Throughout the handbook, the expression 'Select an item' (or similar wording), means 'Highlight the item using the joystick, and push ENTER'.

Using the system (continued) Reception of GPS signals

GPS signals are highly directional and reception may occasionally be interrupted. Some examples of situations likely to cause problems are shown below:

- Inside tunnels.
- Inside buildings.
- Roads under raised highways.
- Densely tree-lined roads.
- Forest roads between mountains.
- Between tall buildings.
- Roads under cliffs.
- Metal objects placed on the rear parcel shelf.
- Fitting material to the rear screen containing metal foil.

Errors in vehicle position

Under certain driving conditions, it is possible that the vehicle position shown may be incorrect. Some examples are shown below:

- When the vehicle is transported by ferry or train.
- After vehicle battery removal or supply fuse failure.
- · After the vehicle has been rotated on a turntable.
- · Where there are two roads parallel to cach other.
- Elevated roads in proximity to other roads.

The position will usually be corrected automatically. If the problem persists, consult your Jaguar dealer.

Route guidance precision

Under certain driving conditions, it is possible that the route guidance may be inaccurate. Some examples are shown below:

- Deviation from a route may cause incorrect guidance until the route has been recalculated.
- Route guidance may be given where no turn is required.
- If there is no road, or only a narrow track, to the final destination, guidance will be given to the nearest. point possible.
- No guidance is given while reversing.
- If driving at high speed or on very dense road networks, it may not be possible to recalculate the route in time for the next instruction.
- On familiar roads, personal route preferences may not always be followed.

1-4 Introduction and controls

Using the system (continued) Jaguar dealership locations

Details of Jaguar dealerships are held on the map DVD as a point of interest (POI) category. Certain dealers may be located in areas that are not fully mapped on the DVD. If a route is set to one of these dealers, guidance will only be possible to the nearest city centre, and a warning message will be displayed.

Map DVDs

To use the system in other countries or geographical areas, obtain the appropriate map DVD from your Jaguar dealer.

Screen cleaning

For approved screen cleaners, see your Jaguar dealer.

Clocks:

The start-up screen shows a large (full screen) analogue clock

The time is also shown as a small digital clock on the system screens in 12-hour format, except while a menu or text screen is being displayed.

The correct time is maintained automatically from the GPS satellite signals and no manual adjustment is required.

Note: Ensure that the time zone and summer time actings are correct for the current vehicle location and time of year. See **Setup menu** on page 3-7.

Languages and distance units

The language used for the on-screen text and voice instructions can be selected from the list of available languages, see **Setup menu** on page 3-7.

Distances are shown on the screen either in imperial units (miles and yards), or in metric units (kilometres and metres). The distance units used are selected with the language. UK English has imperial units, and all the European languages have metric units.

Estimated time to destination

When a route is calculated, the estimated time required to drive the route is determined. This is based on the vehicle travelling at the speed limit applicable to each of the roads forming the route. While under guidance, the estimated time remaining is shown on the screen.

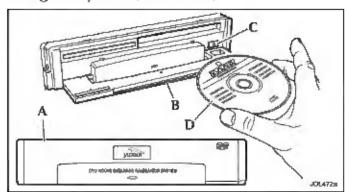
City name lists

For each city area, the first entry shows the city name only, and covers only the areas not included under the district entries. The subsequent entries show the city name followed by a district (suburb, industrial estate, town or village) within that city area, shown in brackets.

Road Junction layouts

The layout of complex road junctions may sometimes be shown in a simplified form.

Using the system (continued)

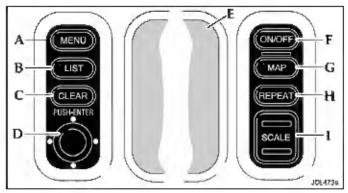


Loading the map DVD

Note: The ignition must be switched on (position '1').

- 1. Locate the navigation unit (A), on the right-hand side of the luggage compartment above the sound system CD player.
- 2. Open the front cover (B), using the recess on the top edge.
- 3. If a DVD is already loaded, push the eject button (C).
- 4. Load the DVD with the printed side upwards (D). Do not allow moisture or foreign objects to enter the slot.
- 5. Close the front cover (B).

Note: Should an audio CD be loaded into the unit (and vice versa) no damage will be done but the system will not operate.

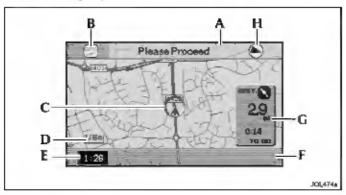


Control panel

- A. MENU button
- B. LIST button
- C. CLEAR button
- D. Joystick and ENTER button
- E. LCD display
- F. ON/OFF button
- G. MAP button
- H. REPEAT button
- SCALE control

1-6 Introduction and controls

Screen displays



Map screens

A typical map display is shown, with a key to the main items of information:

- A. Upper message area While under guidance, shows the next street name on the route, or a text prompt. After driving off, the next turn symbol is displayed to the left of the text. (At the end of a route the destination symbol is displayed.)
- B. GPS symbol Indicates that the system is receiving information from GPS satellites. The symbol will be displayed in one of three colours: red, green or grey. See GPS Information on page 3-11.

- C. Map position markers The map indicates the current vehicle position (navigation symbol). If the map is scrolled, the cross-wire marker is displayed. While the system is in use various markers are displayed, see Screen symbols on page 1-8.
- D. Map scale Indicates the current zoom level. The scale length represents a distance of from \(\forall_{20}\) mile to 100 miles (100 metres to 200 kilometres).
- E. Clock The time is displayed in 12-hour format.
- F. Lower message area Shows details of the current vehicle location.
- G. Destination Information While under guidance, shows the estimated time and distance to the end of the route, and the destination heading.
- H. Map orientation symbol Indicates that the map is displayed with either north or vehicle heading to the top of the screen.

Screen displays (continued)



Arrow view screens

While under guidance, the route instructions can be displayed in diagrammatic form. A typical display is shown, with a key to the main items of information:

- A. Upper message area Shows the next street name on the
- B. Distance to turn Indicates the distance to the next turn on the route. At 500 yards (500 metres) before the turn, the count-down bar graph is displayed.
- C. Clock The time is displayed in 12-hour format.
- D. Lower message area Shows details of the current vehicle location on the route.
- E. Destination information Shows the estimated time and distance to the end of the route, and the destination heading.

1-8 Introduction and controls

Screen displays (continued)

Screen symbols

The screen symbols used by the system are explained below



Navigation symbol indicates the current vehicle position and heading.



Cross-wire marker his symbol is displayed when the map is scrolled to select a destination or point (map cursor location)



Destination symbol - Indicates the current route destination



Destination heading symbol Shows the current compass heading to the route destination. (A typical example is shown.)



Next turn symbol · Shows the action to be taken at the next manoeuvre point on on the route ahead. (A typical example is shown.)

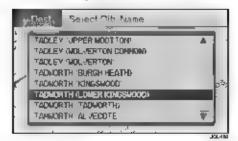


North up symbol Indicates that the map is disprayed with north to the top of the screen.



Heading up symbol — indicates that the map is displayed with the vehicle heading to the top of the screen. The position of the pointer indicates the direction of north on the map.

Screen displays (continued)



Scrolling indicators

The vertical indicators, when displayed at the right-hand side of a text screen, show that for their pages or information are available. The information can be displayed as follows.

- Use the SCALE control (up/down) to display a page (previous/next) of nformation.
- Use the joystick (up/down) to scroil. through the information.



Menu screens

The screen shows the list of menu items. High ight the menulitem required using the joystick (up/down) and push ENTER (If the desired menu item is not displayed, scroll the screen as required.)

f a menu item cannot currently be selected, it is shown shaded out

The complete menu structure is shown on the card supplied with this handbook. This information is repeated on page 2-6

1-10 Introduction and controls

Using the controls



Joystick and ENTER button

Joystick The joystick has eight movements (upydown, left/right, and diagonal), and has the following functions according to the screen currently displayed.

- Highlights menu items, setup options and text items (up/down).
- Character and number input (upy down, left/right, and diagonal)
- Scroling map position (up/down, left/ right, and diagonal)

ENTER button Push the top of the postick. This has the following functions:

- Selects the high ighted menu item, setup option or text item.
- After scrolling the map, shows the map cursor location details high ighted in a text box. (Push ENTER again to select, see Confirm Destination on page 4-1.)



CLEAR button

The CLEAR button has the following functions according to the screen currently displayed

- Returns to the previous menu, character input or lext screen.
- Push and hold for two seconds to change the map orientation (north or vehicle heading to top of screen)



LIST button

asts the turn information for the calculated route.



REPEAT button

While under guidance, repeats the last audible instruction. If the manoeuvre point has been passed, the audible instruction for the next manoeuvre point will be heard.



MENU button

Displays the main menu (Destination, Setup, Option and Route). Highlight the option required using the joystick (up/down) and push ENTER.



ON/OFF button

Push ON/OFF at any time to turn the screen off. The system continues to operate and to mon tor vehicle position.

Push ON/OFF again to turn the screen back on. (The road safety caution screen is only displayed when the ign tion is switched on.)

Note:

- While under guidance, a prompt is displayed when the system is turned back on. See Continue Trip on page 4-1
- The audible instructions are not turned off. (To mute the audible instructions, see Volume adjustment on page 1-11.)

Using the controls (continued)



MAP button

The MAP button has the following functions.

- Returns to the map display, showing the current vehicle position, from any other screen.
- After scrolling, returns the map display to the current vehicle position.
- While inder guidance, toggles between map and arrow view



SCALE control

The SCALE control (up/down) has the following functions:

- Changes the scale (reduce/enlarge) when a map screen is displayed
- Displays more pages (previous/next)
 of text information when the scrolling
 arrows are displayed at the top or
 bottom of the screen.

Volume adjustment

Note: These controls are on the sound system control panel.

The sound output during voice guidance can be adjusted as described below. The current setting is displayed during the adjustment procedure.

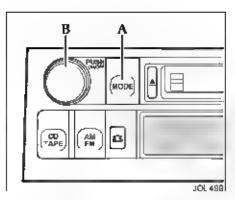
'Mute' Mutes voice guidance.

• 3' to '+3' Changes the navigation sound volume, from minimum (* 3') to maximum (* +3').

'Max' – Mutes audio sound (front and rear speakers) during voice guidance.

Note:

- Navigation sound will be heard from the front speakers only
- During voice guidance, the audio sound will be heard at a preset leve (unless mated)
- During voice guidance, the audio sound from the rear speakers will be limited to volume setting 15.



The procedure for changing the setting is as follows:

- Push MODE (A) until the sound system display shows 'NAV Audio'.
- The current setting for the navigation system is displayed.
- Turn the volume control (B) until the desired setting is shown. (The normal audio display resumes automatically or when any sound system button is pushed.)

1-12 Introduction and controls

Text Input



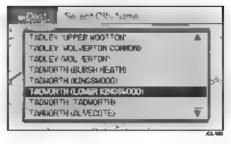
Character input

Use the joystick (up/down, reft/right, and diagonal) to highlight the first character in the name and posh ENTER Repeat for each character. As characters are entered, only the characters available to complete the name (or similar names) are shown in black.

To delete a character, highlight Delete and push ENTER. The last character input will be deleted. To input a space, high ight 'Space' and push ENTER

A list of possible names (for example streets, cities, or motorways) is displayed. See Selection screen example.

Note: During character input, it may be necessary to use the joystick diagonal movement to select certain characters, depending on the characters available



Selection screen example

The screen shows the list of possible names from the characters entered. The list reduces in length as in ore characters are entered, until the required name appears in the lower text area of the character input screen.

High ight the item required using the joystick (upidown) and push ENTER. The next screen is displayed.

Note: The required item can be selected at any time from the list using the joystick and SCALE control. (Use the joystick to scroll on to the second page before using the SCALE control.



Number Input

Jse the joystick (up/down, left/right, and diagonal) to highlight the first digit in the number and push ENTER Repeat for each digit in turn.

To delete a digit. highlight 'Delete' and push ENTER. The last digit input will be deleted.

When all the digits have been input, highlight 'Done' and push ENTER. The next screen is displayed.

Note:

- If a house number is not required, highlight 'Done' and push ENTER
- If the number is not in range, a message will be displayed. The number must be input again in the range shown

Main features of the system Memory points

These are map locations that can be stored with a personalised nametag (e.g. Doctor, Office) for subsequent use as destinations or way points. The following methods can all be used to store memory points: address: intersection, point of interest, map cursor location, recent destinations and local points.

See Destination menu on page 3-4

Way points

Way points are held in a list and can be used to divide a route into a number of sections; calculated one section at a time. The user selects the first and last way points along the routs. The order in which the intermediate way points are visited is determined during calculation, based on the current calculation method (e.g. Shortest Time). A maximum number of eight way points can be held in the list Also see Using way points.

Avoid roads

After setting up a route, one or more roads can be selected, from the route turns list, as roads to be avoided. The route is then recalculated avoiding the roads selected.

Using way points

The procedure for setting a route using way points is shown below:

- Enter the desired way point addresses. See Set way point on page 4-1. The way points are added to the way points list.
- Select the way points to be visited first and last along the route. (The last way point is the ultimate destination.)
 Then set the route to the first way point. See Way Points on page 3-6.
- After driving each section of the route, to set the route to each following way point, select 'Next Way Point' See Main menu on page 3-3
- One or more way points may be deleted from the list if required, see Edit Way Points on page 3-11 While under guidance the points can only be skipped, see Skip Way Point on page 3-13.

Point of Interest (POI)

This is a detabase of useful names and addresses held on the map DVD. The information can be displayed on the screen and sorted by category. A POI can be selected from the list and used as a route destination, memory point or way point.

Local Points This allows o POI category to be displayed sorted by distance from the current vehicle location, and provides a quick method of selecting points of interest near at hand

Voice guidance

One or more audible instructions and/or chimes will be heard for each manoeuvre point along the route. Three levels of guidance are available (minimum normal, and maximum) which are selected from the Setup menu, see Voice Prompt on page 3-8.

Voice guidance will be muted if a phone call is m progress.

Screen guldance

There are three methods of screen guidance available. map, arrow and hybrid. The desired method can be selected from the Setup menu. For all three methods, as the route is followed, current vehicle location, next turn information, and distance and estimated time to the destination are displayed. For further information see Screen guidance on page 4-3

2-2 Quick reference

Route setting example

This is a simple example showing how to use the basic features of the system to set a route. It describes each screen in turn and explains how to use the controls. For information relating to the other features of the system, see the relevant section in the handbook.

Note: Before using the system, check that the correct map DVD is loaded, see Loading the map DVD on page 1-5



Inttlatisation

With the analogue clock displayed, push ENTER and one of the following screens will be displayed.

- If the ignition has just been switched on, the road safety caution screen will be displayed
- If the navigation system has been used since the ignition was first switched on during the current journey, then the map screen will be displayed.



Road safety caution

The caution screen shows the following information

- Most functions are inhibited while the vehicle is in motion.
- Please read the handbook for operating instructions.
- · Always obey traffic regulations.

To use the system, push ENTER The screen will then show the map display

f ENTER is not pushed before the timeout period, the analogue clock will be displayed again



Map display

The map display shows the current vehicle position Push MENU to display the main menu.

Route setting example (continued)



Main menu

The screen shows the main menuloptions.

- Destination
- Setup
- Option
- Route

To display the Destination menu, high ight 'Destination' using the joystick (up/down), and push ENTER



Destination menu

The Destination menu is displayed, showing the methods available for entering a destination.

To input an address, high ight 'Address' using the joystick (up/down), and push ENTER

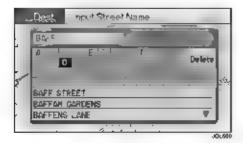


Address Input

To input the required street name. h ghlight 'Street Name input' using the juystick (μμ/μον), and μυσίι ΕΝΤΕΚ

2-4 Quick reference

Route setting example (continued)



Street name input

The character input screen is displayed for input of the street name required. See Character input on page 1-12

A list of possible streets is displayed. The list reduces in length as more characters are input until the required name appears in the lower text area of the screen.

Highlight the street required using the joystick (up/down), and push ENTER for input of the house number

Note: Enter the name of the street only (Do not include 'Street', 'Road' or other similar word.)



House number Input

The number input screen is displayed for input of the house number required. See Number input or page 1-12

When the number has been input, high ight 'Done' using the joystick (up/down, left/right, and diagona), and push ENTER to display the list of possible cities.

Note:

- The number input must be within the range shown. If a house number is not required, highlight Done' and push ENTER
- f the street does not have house numbers held on the map DVD, the number input screen will not be shown.

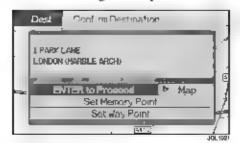


Select city

The list includes all the cities where the address input (house number and street) occurs

Highlight the city entry required using the Joystick (up/down,. Push ENTER to display the location details and confirm the destination.

Route setting example (continued)



Confirm destination

The screen shows the location deta is of the address input and the setting options available. To confirm the destination, high ight 'ENTER to Proceed using the joystick (up/down), and push ENTER to calculate the route.

Route calculation – The screen shows 'Calculating' while the route is being calculated. When the calculation is complete, the screen shows the guidance display.



Route guldance



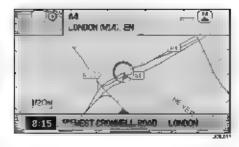
WARNING:

Only operate, adjust or view the system when it is safe to do so.

The route is displayed according to the currently selected guide method (map. arrow or hybrid)

Drive off, following the voice guidance given by the system, until the destination is reached

Note: If the vehicle is not at the start of the route, the screen will show 'Please Proceed' until the route is reached.



End of route

As the vehicle approaches the end of the route, 'DESTINATION is shown on the screen. This is an if med by voice guidance. After arrival at the destination, the screen shows the destination address. The system is then ready for further use

2-6 Quick reference

Menu structure











Destination menu

- Address
- Intersection
- Point of interest
- Map Cursor
- Recent Destination Points
- Memory Points
- Local Points
- Way Points

Setup menu

- Display Colour.
- POlicor
- Map Direction.
- Language
- Voice Prompt
- Guide Method
- Auto Reroute
- Calculation Method
- Turne Zone
- Summer Time

Option menu

- Edit Memory Points
- Edit Recent Dest Points
- Edit Way Points
- GPS information
- System information

Route menu

- Cancel Current Destination
- Avoid Roads
- Change Calculating Method
- Skip Way point

Note:

- To select the main menu, push MENU.
- If the desired menu item is not displayed, scroll the screen using the joystick (up/down).

Getting started



Inittalisation

Caution: Do not leave the Ignition on for long periods with the engine not running.

The navigation system is powered on when the ign tion switch is turned to position I' After a short pause, the analogue clock will be displayed.

Push ENTER to continue. The road safety caution screen will be displayed.



Road safety caution

The caution screer shows the following information

- Most functions are inhibited while the vehicle is in motion.
- Please read the handbook for operating instructions.
- · Always obey traffic regulations.

To use the system, push ENTER. The screen shows the map display. If the system is not used the analogue clock will be displayed again after a time delay.

Note: If route guidance was in progress when the ignition was switched off a prompt is displayed. See Continue Trip on page 4-1.

3-2 Operation

Getting started (continued)



Map display

The map display shows the current position of the vehicle. The pane controls (while the vehicle is not under guidance) have the functions shown.

Panel controls

MENU button - Displays the main menu see Main menu on page 3-3.

CLEAR button – Push and hold CLEAR for two seconds to change the map orientation (north or vehicle heading to the top of the screen).

SCALE control • The SCALE control (upy down) has the following functions:

 Changes the scale (reduce/enlarge) when a map screen is displayed Displays more pages (previous/next)
 of text intermation when the scrolling
 arrows are displayed at the top or
 bottom of the screen

Joystick Use the joystick (up/down, left/ right, and diagonal) to scrol, the map as required.

ENTER button After scrolling the map, pushing ENTER shows the map cursor ocation details high lighted in a text box. Push ENTER again to set as a destination memory point or way point. See Confirm Destination on page 4-1

ON/OFF button - Push ON/OFF to turn the screen off. The system continues to operate and to monitor vehicle position. Push ON/OFF again to turn the screen back on.

MAP button - The MAP button has the tollowing functions.

- Returns to the map display, showing the current vehicle position, from any other screen
- After scrolling, the map display returns to the current vehicle position



POI Icon display

When selected, the map shows the location of any points of interest in the currently chosen categories. An iconical be selected as a destination, memory point or way point by scrolling the map and pressing ENTER, see ENTER button.

Note: cons are only displayed at the maximum zoom level in of V_{20} mile (100 metres) and the next zoom level out.

Main menu



Main menu

The menu is displayed by pushing MENU Select the option required

- Destination
- Setup
- Option
- Route
- Next Way Point

These options are described in the following pages.

Next Way Point

When using way points, select this option to calculate the route to the next way point in the list, using the current calculation method. See Way points or page 2-1

Note:

- Some of the options from the Destination menu are not available while driving (not under guidance) These are 'Address', 'Intersection' and 'Point of Interest
- The Setup and Option menus are not available while driving (whether under guidance or not).
- The Route menu is only available while driving under guidance.
- 4 While driving under guidance, none of the options on the Destination menta are available.
- 'Next Way Point' is only available after a way point has been entered in the way point list.

3-4 Operation

Destination menu



Destination

Select the option required (each one is described in the following pages):

- Address
- Intersection
- Point of Interest
- Map Cursor
- Recent Destination Points
- Memory Points
- Loca Points
- Way Points

Note:

- For information on entering text, see Text input on page 1-12
- For destinations outside the detailed map area, see Long haul areas on page 4-5.



Address

Select the option required

Street Name Input - Input and select the street name, followed by the house number (If the street name is not umque, select a city land district if known, from the options displayed.) The screen shows the location details of the address input, see Confirm Destination on page 4-1

City Name Input — nput a city name and select the city (and district if known), followed by the street name details, see above

Note: The system defaults to the city where the vehicle is located.



Intersection

Select the option required

Street Name Input - Input and select the street names forming the intersection. (If the intersection is not unique, select a city and intersection from the options displayed.) The screen shows the location details of the intersection input, see Confirm Destination on page 4-1

City Name Input Input a city name and select the city (and district if known, followed by the street name details, see above

Note: The system defaults to the city where the vehicle is located.

Destination menu (continued)



Point of Interest (POI)

Select the option required

Place Name Input - Input the PO' name and select the Item required from the list displayed.

Category List Select an item from the list of categories displayed, and select or input the city required. Select or input the PO name required.

The screen shows the location deta is of the point input, see Confirm Destination on page 4-1.



Map Cursor

Select the option required

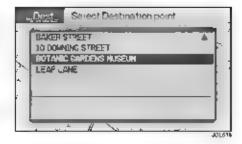
Directly on Map - Scrol the map until the desired location is under the cross-wire marker and push ENTER. The screen shows the location details highlighted in a text box, push ENTER to select.

Within a City – Input and select the city name, and scroil the map, as above

The screen shows the location details of the selected point, see Confirm Destination on page 4-1

Note:

- 1 The screen may show 'No digitised road exists in this area. Please select another area'
- This function can be used for guidance to a city centre.



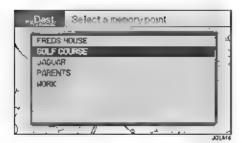
Recent Destination Points

Select the item required from the list of recent destinations displayed. The screen shows the location details of the selected point, see Confirm Destination on page 4-1

A maximum of 20 recent destinations can be stored. When this number is exceeded, the oldest destination in the list is deleted each time a destination is set. If the same destination has been set more than once, it will only appear once in the list.

3-6 Operation

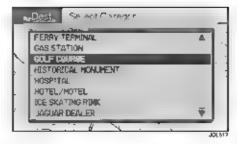
Destination menu (continued)



Memory Polats

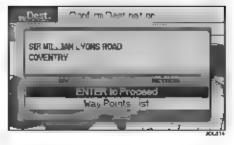
Select the item required from the list of memory points displayed. The screen shows the location details of the point selected, see Confirm Destination on page 4-1

A max mum of 90 memory points can be stored. When this number is exceeded the point at the bottom of the list is deleted each time a new point is entered.



Local Points

Select an item from the list of POI categories displayed. The screen shows the list of points of interest in that category, sorted by distance from the current vehicle location. Select the point required. The screen shows the location details of the point selected, see Confirm Destination on page 4-1



Way Points

Note: Before using this procedure, the desired locations must be entered and added to the way points list.

The screen briefly shows 'System is calculating the best path of destinations'. The screen then shows 'Confirm Destination', with the first way point location details. Select the option required from the list displayed.

ENTER to Proceed When the first and last way points have been chosen select this option to set the route to the first way point. See Calculation on page 4-1

Way Points List—used to set the first and last way points for the current route Select an tem from the list of way points displayed and push ENTER Follow the on-screen prompts as required

5etup menu



Setup

Select the option required

- Display Colour
- POl Icon.
- Map Direction
- Language
- Voice Prompt.
- Cuide Method
- Auto Reroute
- Calculation Method
- Time Zone
- Summer Time.

These options are described in the following pages.

Display Colour

Select the option required

- Day
- Night
- Auto

Day and Night – The appearance of the display is adjusted to suit current driving conditions.

Auto The Day setting is automatically selected with the exterior lighting switch in the off position. The Night setting is selected with the switch in any other position, unless the instrument dimmer switch is in the 'override' position.

Note: For vehicles with day time running ights, use the Day and Night options only

POI Icon

Select the option required

- Show
- Hilde
- Edit

Show and Hide – The selected PO icons can either be shown on the map or hidden, as required.

Edit - The screen shows the list of available POI icons. Select the items required for display on the map. No more than three icons may be selected at any one time. Select 'Keturn' to continue

Map Direction

Select the option required

- Heading Up
- North ∪p

The map can be displayed with either north or vehicle heading to the top of the screen

Select Return' to continue.

3-8 Operation

Setup menu (continued)

Language

Select the language required

- · English
- Deutsch (German).
- Français (French):
- · Italiano (Italian)
- Nederlands (Dutch).
- Españo (Spanish)
- Svenska (Swedish)
- Darisk (Danish)

The language used for the on-screen text and voice instructions can be selected from the list displayed.

Select 'Return' to continue without change.

Note: After changing the language, the road safety caution screen is displayed in the new language. Push ENTER to continue of the vehicle is in a long-haul area, a second caution will be displayed.

Voice Prompt

Select the option required.

- Minimum
- Norma
- Maximum

The desired number of audible instructions and/or chimes given for each manoeuvre can be chosen. The actual number of instructions given will vary according to the particular route being followed.

Guide Method

Select the option required

- Hybrid
- Arrow
- Map

The desired screen guidance method can be selected, see Screen guidance on page 4-3

Auto Reroute

Select the option required

- On
- Off

If Auto Reroute is on, and the vehicle deviates from the highlighted route, the route will automatically be recalculated. If Auto Reroute is off the route will not be recalculated, but guidance will resume if the vehicle rejoins the highlighted route.

Calculation Method

Select the option required

- Shortest Time.
- · Maximise Motorways
- M nimise Motorways
- Minimise Toil Roads

The route calculation method can be changed as required.

Select 'Return' to continue without change

Note: Only one method can be selected.

Setup menu (continued)

Time Zone

Select the time zone required

- EU Centra
- CMT
- US Eastern
- US Centra
- US Mountain.
- US Pacific

Choose the correct time zone for the current vehicle position. (If the time zone is incorrectly set, the clock may not show the right time.)

Select Return' to continue without change

Summer Time

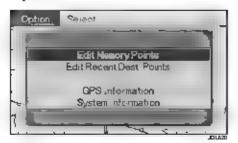
Select the option required

- Off
- On

At the start of the summer time period, select 'On' The clock will be advanced by one hour. When summer time ends, select 'Off'

3-10 Operation

Option menu



Option

Select the option required

- Ed t Memory Points
- Edit Recent Dest Points
- Ed.t Way Points
- GPS Information
- System Information

These options are described in the following pages.



Edit Memory Points

Select the item required from the list of memory points displayed. The screen tien shows the location details of the selected point. Select the option required from the list displayed.

Change Name & Phone Number ~ The character input screen is displayed to change the name. When completed, select 'Save'. The number input screen is displayed to change the phone number. When completed, select 'Done'.

Delete from Memory Points – The screen shows 'Are you sure you want to delete it? Push ENTER to continue'

ENTER to return Continue without deleting any points.



Edit Recent Dest. Points

Select the item required from the list of recent destination points displayed. The screen dien shows the location details of the selected point. Select the option required from the list displayed

Delete from Recent Destination Points - The screen shows 'Are you sure you want to delete it? Push ENTER to continue.

Delete All The screen shows Are you sure you want to delete all? Push ENTER to continue

ENTER to return – Continue without deleting any points.

Option menu (continued)



Edit Way Points

The screen shows the list of current way points. One or a liof the way points can be deleted. Select the way point required and follow the on-screen prompts as required.



GPS Information

The screen shows the current vehicle location, current vehicle position (latitude, torigitude and elevation), and the number of GPS satelities in contact with the system

Push ENTER to continue

GPS symbol – The GPS satedlite symbol is shown on the map display in one of three colours. These are explained below

Grey no satel ite signals are being received

Red: insufficient satel ite signals are being received for accurate map positioning.

Green: satell te map positioning is functioning normally



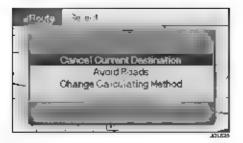
System Information

The screen shows the following information: database area, database code and softwale version:

Push ENTER to continue.

3-12 Operation

Route menu



Route

Select the option required

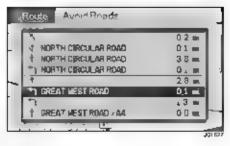
- Cancel Current Destination
- Avoid Roads
- Change Calculating Method
- Skip Way point.

These options are described in the following pages.



Cancel Current Destination

The screen shows the prompt 'Are you sure you want to delete the current destriction? Push ENTER to conclude 'When ENTER is pushed, the route will be dereted and the map showing the current vehicle position will be displayed.



Avold Roads

Select the item required from the list of turns displayed. Select the option required from the list displayed.

Reroute When the desired road(s) have been chosen, select this option to recalculate the route. See Calculation on page 4-1

Continue to Avoid Roads The turns list is displayed again to select another road to be avoided

Route menu (continued)



Change Calculating Method

Select the option required

- Shortest Time
- Max mise Motorways
- Minimuse Motorways
- Min mise Toll Roads

After selecting the desired method, the screen shows the location details of the current destination. Select. ENTER to Proceed to continue.

Note: Only one method can be selected at a time.



Skip Way Point

The screen shows the location details of the next way point on the route. Select the option required

ENTER to Proceed When the desired way point has been chosen, select this option to recalculate the route See Calculation on page 4-1

Way Points List—To skip a different way point, select an term from the list of way points displayed and push ENTER. The Confirm Destination screen is displayed again.

Note: Before the Confirm Destination screen is displayed, the screen may show 'Are you sure you want to change the destination? Push ENTER to continue.' The screen will then show 'System is calculating the best path of destinations' followed by the Confirm Destination screen.

Route calculation



Confirm Destination

The screen shows the location deta is for the address or point entered. Select the option equired from the list displayed

ENTER to Proceed Sets a route to the chosen location, see Calculation

Map · Displays the entered location, which can be ad usted by scroiling the map frequired. Push ENTER to set a route to the location, see Calculation.

Set Memory Point Saves the location as a memory point. The character input screen is displayed. Input the name required for the point, and select 'Save'

Set Way Point Saves the location as a way point. The list of current way points is displayed. Push ENTER to add the chosen location. (To set a route see Using way points on page 2-1)



Continue Trip

f the vehicle has been stopped and the ignition switched off while under guidance, cien when the ignition is switched on again the screen will show the destination details and ENTER to Proceed', see Calculation

Note:

- Push CLEAR if guidance for the remainder of the route is not required. The route will be cancelled and the map showing the current vehicle position will be displayed.
- 2 If the screen has been turned off using the ON/OFF button, the same procedure applies when the screen is turned on again.
- For operation in long-haul areas, see Long-haul areas on page 4-5.



Calculation

The screen shows 'Caicu at ng' and the destination details while the route is being catculated. Whe complete, the start of the route is displayed.



WARNING:

White the route is being calculated, the screen may show one of the following warnings, which must be observed.

- Destination is located on a restricted road. Please follow traffic regulations. Push ENTER to continue'
- 2. 'Destination is located on a restricted or private area. You may need permission. Push ENTER to continue.1

4-2 Route calculation and guidance

Route guldance



Driving off



WARNING:

Only operate, adjust or view the system when it is safe to do so.

The screen shows the current vehicle position and the route high lighted. As the route is followed, current vehicle location, next turn information, and distance and estimated time to the destination are displayed. The panel controls (while the vehicle is under guidance) have the functions shown.

Drive off following the voice guidance given by the system until the destination is reached.

Note: If the vehicle is not at the start of the route, the screen will show 'Please Proceed' until the route is reached.

Panel controls

MENU button Displays the main menu, see Main menu on page 3-3.

CLEAR button Push and hold CLEAR for two seconds to change the map omentation north or vehicle heading to the top of the screen.

SCALE control Use the SCALE control (up/down) to change the scale of the map (reduce/enlarge)

Joystick – Use the joystick (up/down, left/ right, and diagonal) to scrol, the map as required

ENTER button · After scrolling the map, pushing ENTER shows the map cursor ocation details high lighted in a text box. Push ENTER again to set as a destination, memory point or way point. See Confirm Destination on page 4-1

ON/OFF button Push ON/OFF to turn the screen off. The system continues to operate and to monitor vehicle position.

Push ON/OFF again to turn the screen back on. See Continue Trip on page 4. 1

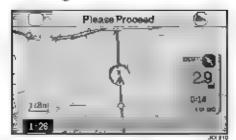
MAP button The MAP button has the following functions:

- Returns to the map display, showing the current vehicle position, from any other screen.
- After scro ling, the map display rot, ros to the current vehicle position.
- In hybrid view, toggles between map and arrow view

REPEAT button Repeats the ast aud ble instruction. If the manoeuvre point has been passed, the audible instruction for the next manoeuvre point will be heard.

LIST button – ...sts the turn information for the calculated route, see **Turns list** on page 4-4.

Screen guidance

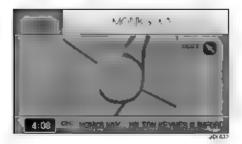


Map view

The screen shows the map display with the route high ighted. As the route is followed, the map scrotts autom actually keeping the current vehicle position on the screen.

Screen guidance selection

The guidance method required, is selected from the Setup menu. See Guide Method on page 3-8



Arrow vlew

The route is shown in diagrammatic form. As the vehicle approaches each nanueuw is purit, a detailed view of the next junction is shown and a countdown bar graph is displayed.

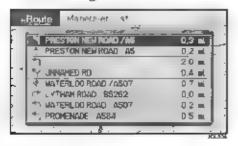


Hybrid view

The screen normally shows the map display with the route highlighted. As the vehicle approaches each manuscure point, the arrow view screen with the countdown bar graph is displayed.

4-4 Route calculation and guidance

Additional guidance features



Turns list

When LIST is pushed, the list of turns on the current route is displayed. The location of the turn, action to be taken, and distance to the next turn are shown.

Use the joystick (up/down) to scroll through the list. At the end of the list, the destination details are shown

As the list is scrolled, each item is shown highlighted. When ENTER is pushed, the corresponding turn instruction is displayed. Following this selection the joystick (up/down) can be used to display the turn instructions (previous/next) from the turn selected.

Note: The SCALE control (up/down) can be used to display the turns list a page at a time.

Long haul areas

Entering a long-haul area

A ong-haul area is an area (or country) outside the detailed coverage area of the map disc currently loaded in the navigation unit.

The system does not give any indication when the vehicle enters a long haul area. The long-haul area caution screen is displayed only when the ignition is switched on while the vehicle is with a one of these areas.

While on a journey, a knowledge of the map disc currently loaded and the countries being visited, will enable you to identify the border where a long-haul area begins.

Calculation method

Before setting a route that includes a long-haul area, ensure that the route calculation method is set to one of the following options only:

- Shortest Time
- Max mise Motorways

For more information, see Setup menu on page 3-7

Rejoining a route

While driving under guidance within a long-hau area, you may wish to break your journey, for example at a motorway service station. As the area of coverage does not extend far from each major road, it is possible that you may now be outside the coverage area in this situation, when you resume your journey, the screen will show. Please Proceed, and route guidance will only continue when you have rejoined the highlighted route. Follow the arrow symbol which indicates the direction to follow to reach the route.

Changing map discs

Each map disc a so contains a version of the system software. When a map disc is loaded, the system may download the system software from the disc to ensure compatibility between the system and the map data. A message and bar graph will be displayed on the screen while the software is being loaded, which will take approximately one to two minutes.

Caution: Do not switch off the ignition until loading of the software is complete, otherwise the system may become locked. In this event, contact your jaguar dealer.

4-6 Route calculation and guidance

Long haul areas (continued)



Long-haul area cautton

The caution screen shows the following information

- You are outside the detail coverage area
- Guidance is limited to major roads.
- See handbook.

This caution is also displayed when the screen language is changed



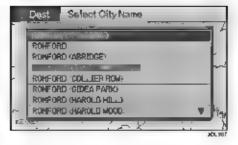
Road coverage in long-haul areas

Only the major road networks are covered by the system. The countries covered can be seen on the screen by selecting the highest zoom level, and are shown in yellow. By selecting lower zoom evels, details of the major road coverage in a particular country can be seen.

Route guidance in long haul areas

Normal route guidance is available only within the major road network shown.

Caution: If the vehicle leaves the route, recalculat on will not be possible away from the major road network. If a route is recalculated, limitations in the map data may result in an unnecessary detour back to the original route being made.



Destination setting

Select Address' from the Destination menu and enter a city name. In the list disptayed, cities in long-haul areas are shown with 'CITY CENTRE' after the city name. For the complete list of long-haul cities, see Long-haul cities on page 4-8.

Select the city required. The screen briefly shows 'Street Input is not available. 'City Centre' will be set as destination.' The screen then shows the details of the city selected.

Note:

- Destinations within long-hau areas cannot be set to an exact street location.
- Destinations may also be set by scroding the map, or by selecting a POI rest area.

Long haul areas (continued)



Selecting stored destinations

Owing to I m tations in the digitised map data, it may not always be possible to set a destricación i la lung-hauf area using a previously stored togation (e.g. recent destination or memory point). This can occur when the location was originally stored while the detailed map disc for that area was loaded

Any items that are currently unavailable are shown shaded when the list is displayed. If a shaded item is selected a message is shown briefly on the screen.



Rest areas

Details of rest areas (e.g. motorway service areas and car parks) can be seen by selecting the 'Res. Area' category of Point of Interest (or Local Points). All the long-hau lareas covered by the system are ncluded, and a rest area can be selected as a destination.



Rest area Icon - The Icon will be displayed on the map at each rest area. location when POI Icon is set to 'Show'



Rest area details

All rest areas are listed, sorted by distance from the current vehicle location. The Jetans for each area include. the motorway (where applicable), and the country in which the rest area is situated.

Note:

- 1 In long-haul areas, 'Rest Areas' is the only Point of Interest category avanable.
- The facilities available at some rest. areas (e.g. car parks) may be very limited.

4-8 Route calculation and guidance

Long-haul cities

Note: This list of long-haul cities includes a lithe countries covered by the system lignore the country for countries, covered by the map disc that is currently loaded, as normal route guidance will be available.

.orient

Austria
Bregenz
Dornburn (Rheintal)
Graz
nnsbruck
Klagenfurt
Linz
Salzburg
St. Pölten
Villach
Wels
Wien

Belgium
Aarlen (Arlon)
Antwerpen "Anvers)
Bergen (Mons)
Brugge (Bruges)
Brussel (Bruxatles)
Charlerot
Gent (Gand)
Hasselt
Leuven (Louvain)
Luik (Liège)
Mechelen (Malinots)
Namen (Namur)
Costende (Ostende)
Waver (Wavre)

France France (cont'd) Amiens Lyon Andorra la Vella Marseille Angers Menton Metz Artnecy Monaco (Monaco) Avignon Bayonne Montbéliard Monte-Carlo (Monaco) Besançon Montpellier Bêthune Bordeaux Mulhouse Breet Mancy Caen Nantes Carais Nice Cannes Nimes Orléans Chambéry Clermont-Ferrand Paris Diport Pau Douar Perpignan Dunkerque **Poitiers** Grenoble Reuma Hagondange Rennes le Havre Rouen Saint-Etienne te Mans Saint-Nazaire Jens Strasbourg Lille Thronville Limoges

Touton

France (cont'd)
Tourouse
Tours
Valence
Valenciennes

Long haul cities (continued)

Wuppertal

Würzburg

Kiel

Koblenz

Germany (cont'd) Germany Great Britain and Ireland Great Britain and ireland (cont'd) Leeds Aachen Köln Aberdeen Krefeld Bath Leicester Augsburg Berlin. Leipzig Belfast Limerick Birmingham Biereferd Leverkusen Liverpool Bochum Lübeck Bradford London Bonn Ludwigshafen am Rhein Brighton Londonderry Bremen Magdeburg Bristol Manchester Chemnitz Cambridge Middlesbrough Mainz Darmstadt Mannheim Candiff Newcastle upon Tyne Dortmund Mönchengladbach Carlisle Northampton. Dresden München Cork Norwich Duisburg Münster Coventry Nottingham Düsseldorf Nill inberg. Derby Oxtord Erfurt Dover Peterborough Oberhausen Essen Potsdam Dubiin Plymouth: **Portsmouth** Frankfurt am Main. Regensburg Dundee Freiburg im Breisgau Rostock Edinburgh Reading Gelsenkirchen Saarbrücken. Exeter Sheffield Schwer.n. Fishguard Southampton Hamburg Hannover Solingen Folkestone Stoke-on-Trent **Sunderland** Heidelberg Stuttgart Glasgow Kaiserslautern Tmen Swansea Harwich Karismihe Weiman Hotyhead Wolverhampton Kassel Wiesbaden Inverness York.

lpswich.

Kingston upon Hull

4-10 Route calculation and guidance

Long-haul cities (continued)

Italy Italy (contid) Barr Pescana Bergamo Piacetea Botogna Pisa Botzano Prato Ravenna Brescia Reggio Calabria Cagliari Catania Reggio Emilia Città del Vaticano Rimani Ferrara Roma Firenze Salerno Foggia San Marino For Sassam Genova Siracusa Taranto Latina Terni Lecce Torino Livorno Messina Trento Milano Trieste Modena Varese Monza Venezia **Нарон** Verona Novara Vicenza Padova. Palermo

Parma

Perugia

cont'd)

Luxembourg

Luxembour

Netherlands Almere Amersfoort Amsterdam Apeldoom Amhem Assen Breda. Den Haag Dordrecht Eindhoven Enschede Groningen Haarlem Leeuwarden Leiden Lelystad Maastricht Middelburg Numegen Rotterdam 's Hertogenbosch Tilburg Utrecht Zaanstad

Zoetermeer Zwolie

Nordic Aalborg Esbjerg Falun Göteborg Helsinka Jänköping Kalmar Karistad København Malmõ Norrköping Odense Oalo Stockholm Sundevall **Uppsata** Växjö Århus Örebro

Long haul cities (continued)

Spain/Portugal Spain/Portugal (cont'd) Albacete Huesca Alicante Jaén Almer(a León Aveiro Lisboa Ávila Lleida Badajoz Logroña Barceiona Lugo Beja Madrid Bilbao Málaga Braga Mérida Burgos Murcia Cáceres Ourense/Orense

Cádiz Oneda Castelló de la Plana. Palencia Ciudad Real Pamplona Combra Pontevedra Córdoba Porto: La Coruña/A Coruña Salarnanca Cuenta San Sebastián Elvas Santander

Evora Santiago de Compostela

Faro Segovia
Girona Setúbal
Granada Sevilla
Guadalajara Soria
Huelva Tarragona

Spain/Portugal (cont'd)
Teruel

Toledo
Valencia
Valladotid
Vigo
Viseu
Vitoria
Zamora
Zaragoza

Switzerland

Basel
Bern
Btei
Genève
Lausanne
Lugano
Luzern
Neuchâtei
St. Gaulen

Vaduz (Liechtenstein)

Winterthur Zug Zürich

		*		
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